



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Monday, August 7, 2017

Issued: 0800 CT

**Day 1 Hazards:** Areas of heavy rain / flash flooding for S AR, north/central/east TX, northern & central LA, E NM.

**Day 1 Hazards:** Marginal risk of severe storms with damaging winds/hail for portions of Far West TX into SE NM.

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Brian Hoeth  
817-978-1100 x 147**

# Key Points



## Today

- Areas of heavy rain/flash flooding for S AR, north/central/east TX, northern & central LA, E NM
- Minor river flooding impacts possible on smaller creeks and tributaries in north and east TX, main stem river flooding is not a concern.
- Marginal risk of severe storms (damaging wind/hail) for a portion of Far West TX into SE NM

## Tuesday

- Isolated areas of heavy rain/flash flooding for LA, north/central/east TX, NE NM, TX/OK Panhandles

## Wednesday

- Isolated areas of heavy rain/flash flooding for NE NM, TX/OK Panhandles, western & northern OK, northern LA

## Thursday - Friday

- Areas of heavy rain/flash flooding for OK into the TX Panhandle and northern NM

## Tropical Weather Outlook

- Tropical Storm Franklin has formed in the Caribbean and is forecast to move into the Bay of Campeche by Wednesday and make landfall in Mexico Thursday. No impacts to FEMA 6.
- Area of interest in the Atlantic now only has a low chance (20%) of developing into a tropical cyclone. Area will track west-northwest over the next several days. No impacts to FEMA 6.

# \*FEMA Region 6 Threat Matrix

**Aug 7, 2017 - Aug 6, 2017**

	MON	TUE	WED	THU	FRI
Severe Weather	Portions of Far West TX into SE NM				
Heavy Rain / Flash Flooding	S AR, north/central/east TX, N LA, E NM	LA, north/central/east TX, NE NM, TX/OK Panhandles	NE NM, TX/OK Panhandles, W& N OK, N LA	OK, TX Panhandle, N NM	OK, TX Panhandle, N NM
Heat					
River Flooding	North & East TX	North & East TX			
Tropical Weather					

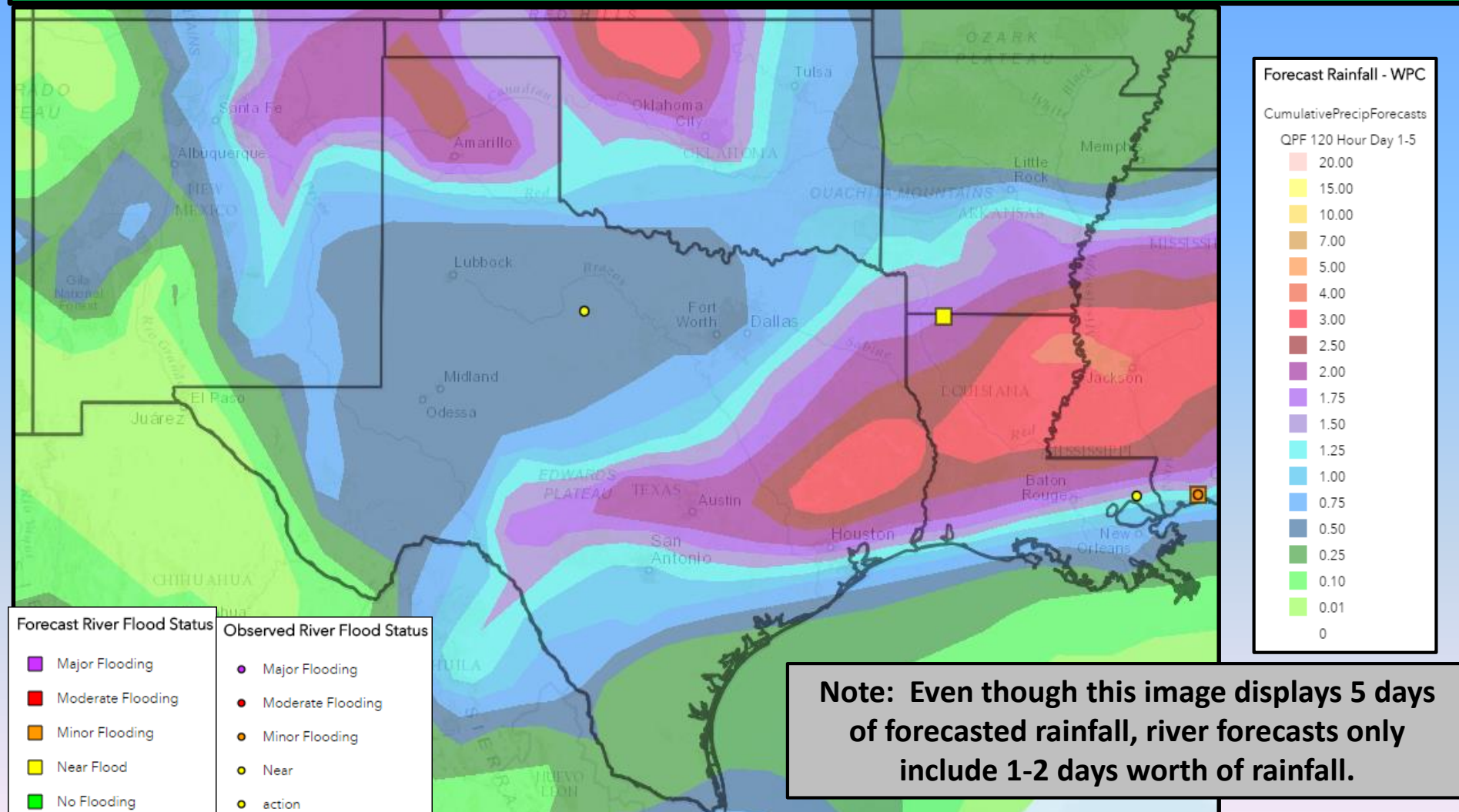
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status

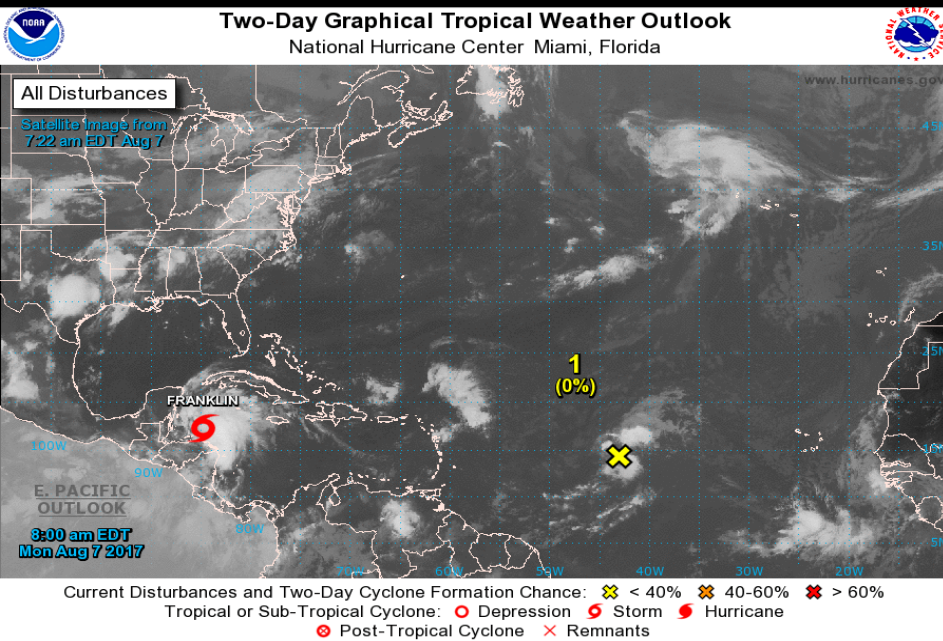
- Minor river flooding possible for smaller creeks and tributaries in north and east TX. Main stem river flooding is not a concern.



For the latest on river flooding: <http://water.weather.gov/ahps>



# Tropical Weather Outlook

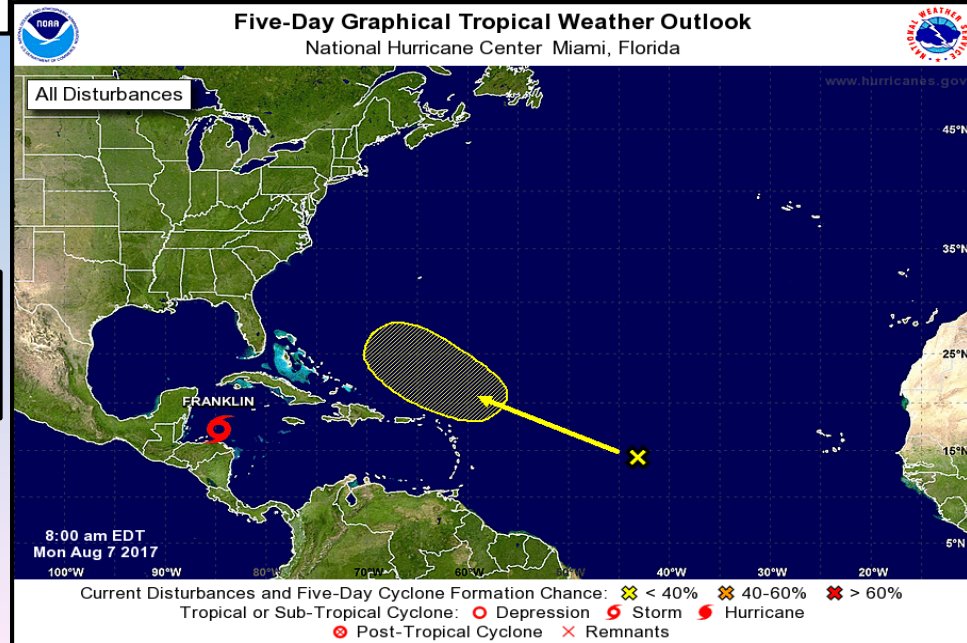


NHC is issuing advisories on Tropical Storm Franklin in the Caribbean. See next slide for details.  
No impacts to FEMA 6.

1. An elongated area of low pressure located about midway between the Cabo Verde Islands and the Lesser Antilles is producing disorganized shower and thunderstorm activity. Unfavorable environmental conditions should limit development of this system during the next few days, but conditions could become more conducive for some increase in organization of this disturbance by the end of the week. This system is expected to move generally west-northwestward across the tropical Atlantic at about 15 mph during the next several days.

No impacts to FEMA 6.

- Formation chance through 48 hours...low...near 0%.
- Formation chance through 5 days...low...20%.

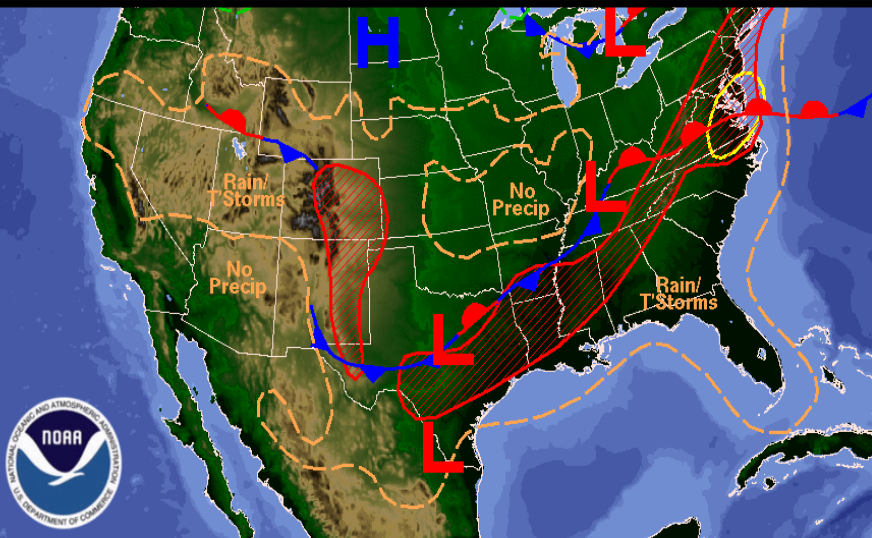


# Tropical Storm Franklin

Franklin will track across the Yucatan Peninsula tonight and into tomorrow, into the Bay of Campeche Wednesday, and then make landfall in Mexico on Thursday.  
No impacts to FEMA 6.



# Today's Weather



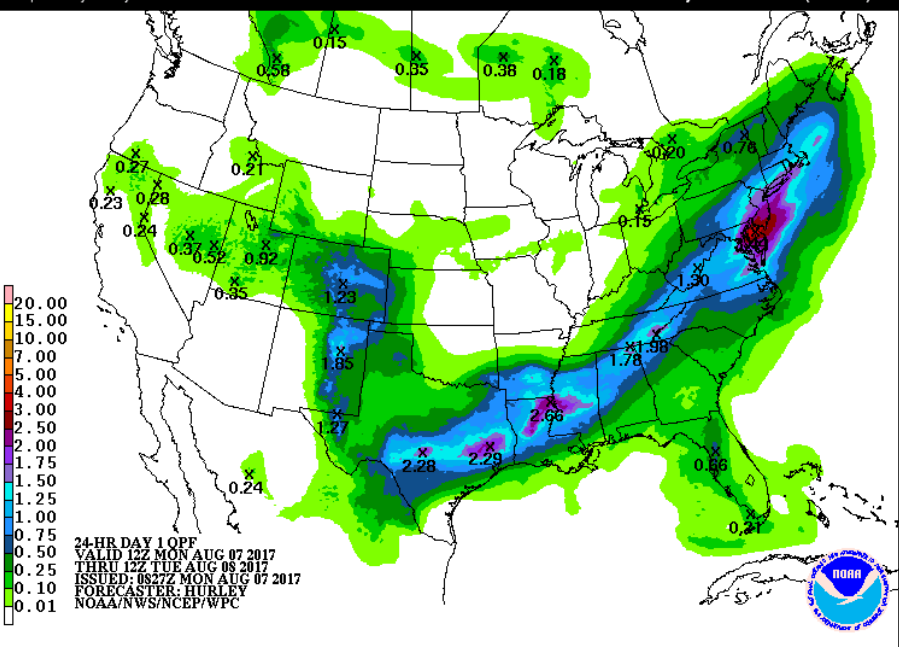
Day 1 National Forecast Chart

Valid Mon, Aug 07, 2017, issued 4:47 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds with WPC/SPC/NHC forecasts

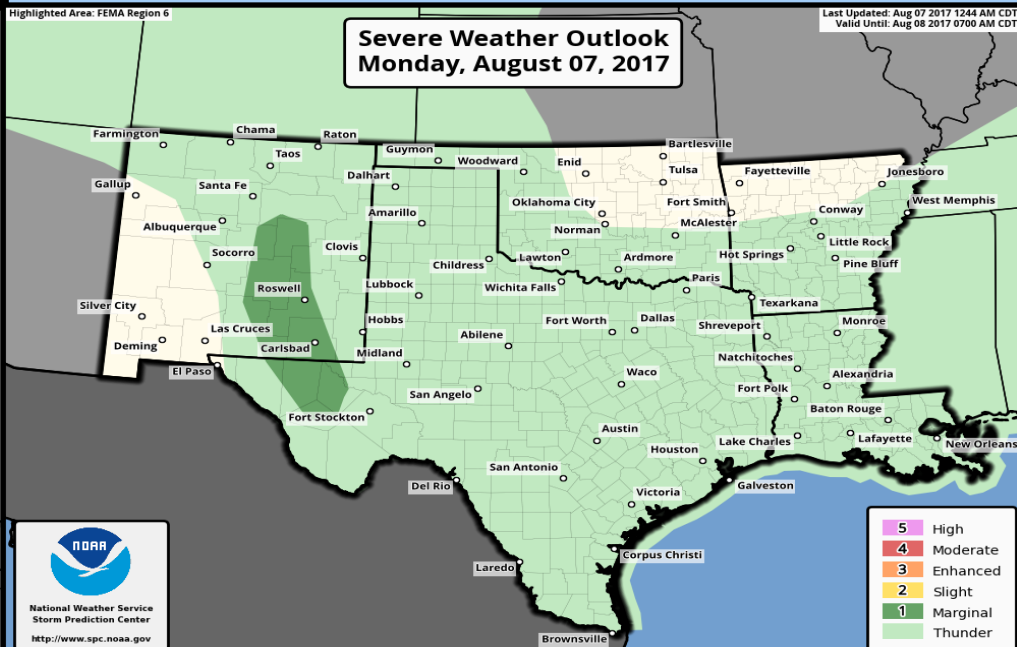
Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)

Areas of heavy rain/flash flooding for S AR, north/central/east TX, northern and central LA, and E NM.

Marginal risk of severe storms (wind/hail) this afternoon & evening for portions of Far West TX into SE NM.

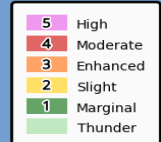


24-HR DAY 1 O/PF  
 VALID 12Z MON AUG 07 2017  
 THRU 12Z TUE AUG 08 2017  
 ISSUED: 0627Z MON AUG 07 2017  
 FORECASTER: HURLEY  
 NOAA/NWS/NCEP/WPC



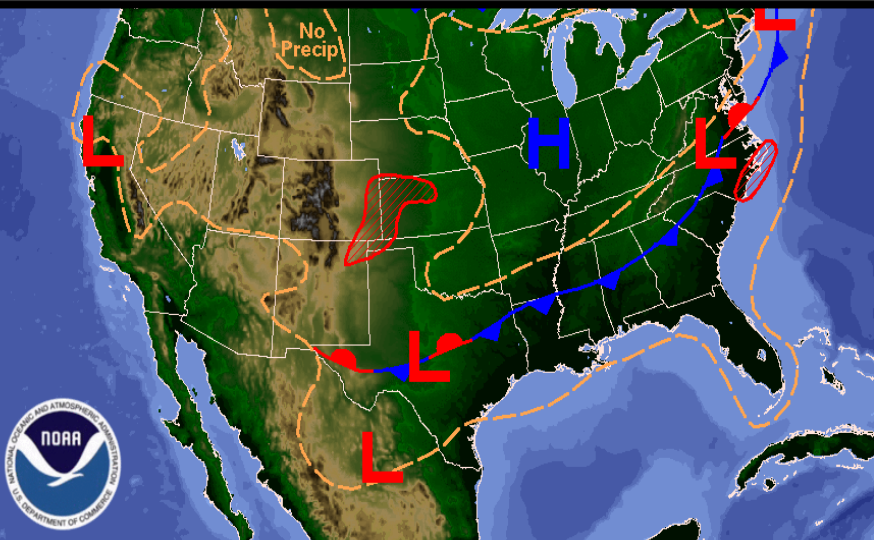
Severe Weather Outlook  
 Monday, August 07, 2017

Last Updated: Aug 07 2017 1244 AM CDT  
 Valid Until: Aug 08 2017 0700 AM CDT





# Tomorrow's Weather

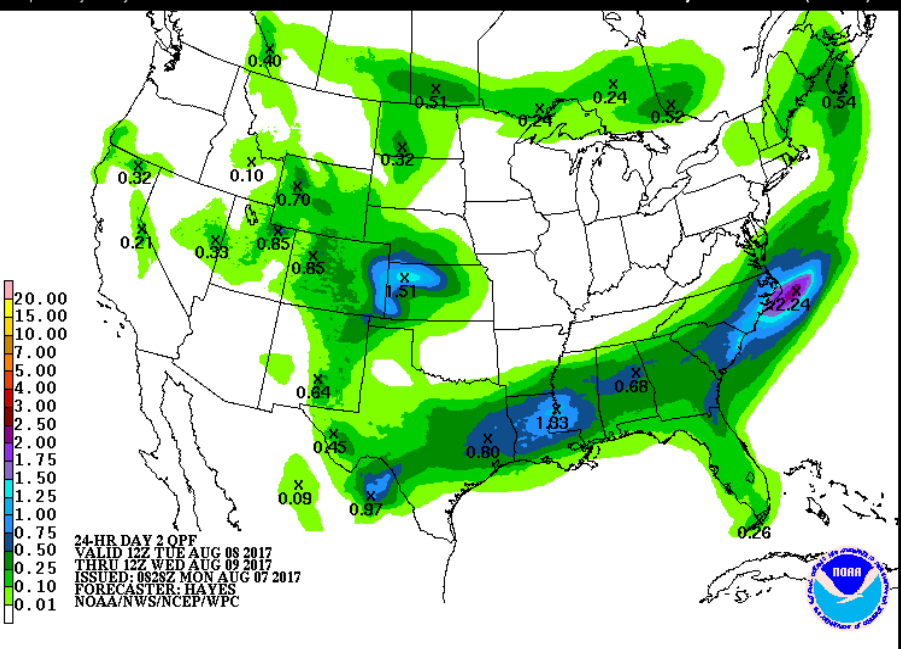


Day 2 National Forecast Chart

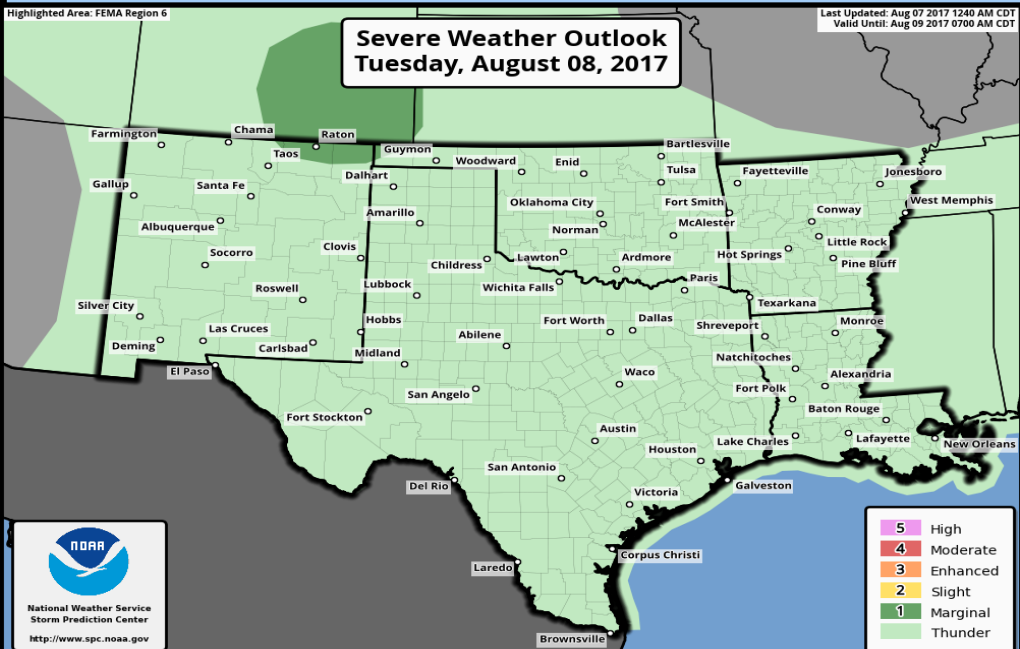
Valid Tue, Aug 08, 2017, issued 4:50 AM EDT Mon, Aug 07, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

Isolated areas of heavy rain/flash flooding for north/central/east TX, LA, and NE NM into the TX/OK Panhandles.



24-HR DAY 2 QPF  
VALID 12Z TUE AUG 08 2017  
THRU 12Z WED AUG 09 2017  
ISSUED: 0828Z MON AUG 07 2017  
FORECASTER: HAYES  
NOAA/NWS/NCEP/WPC

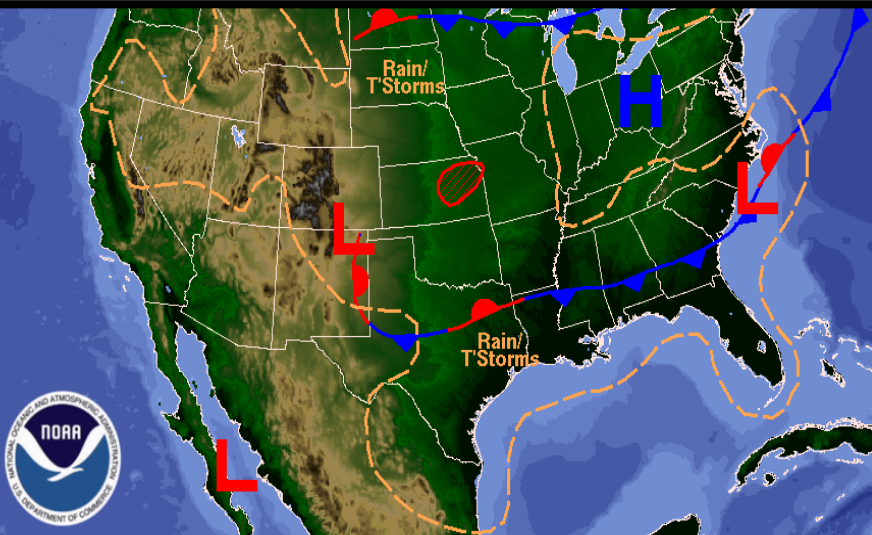


Severe Weather Outlook  
Tuesday, August 08, 2017

Last Updated: Aug 07 2017 1240 AM CDT  
Valid Until: Aug 09 2017 0700 AM CDT



# Wednesday's Weather

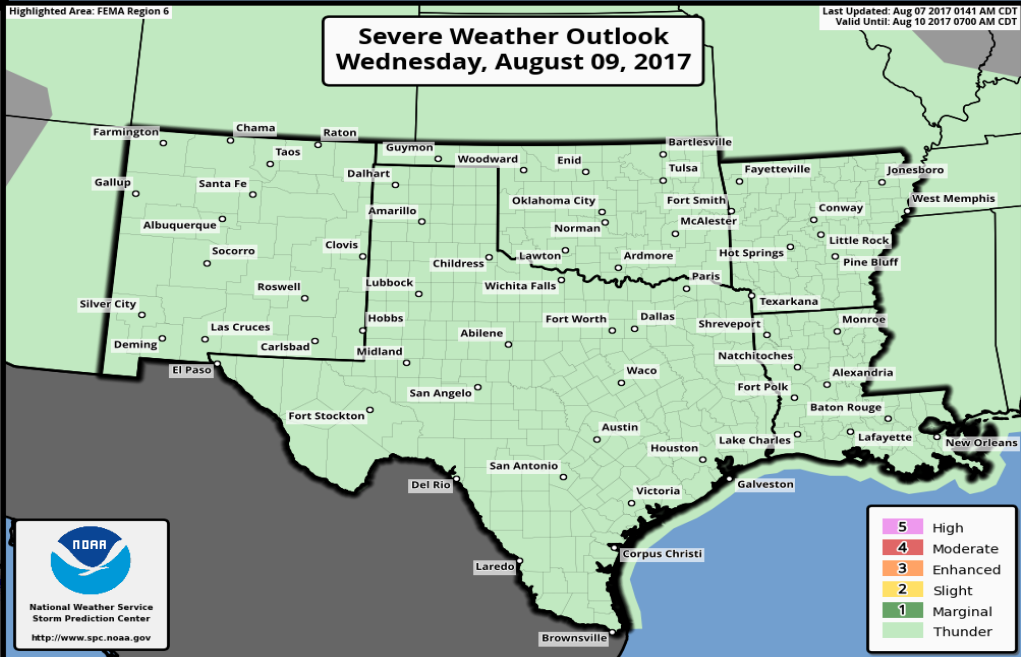
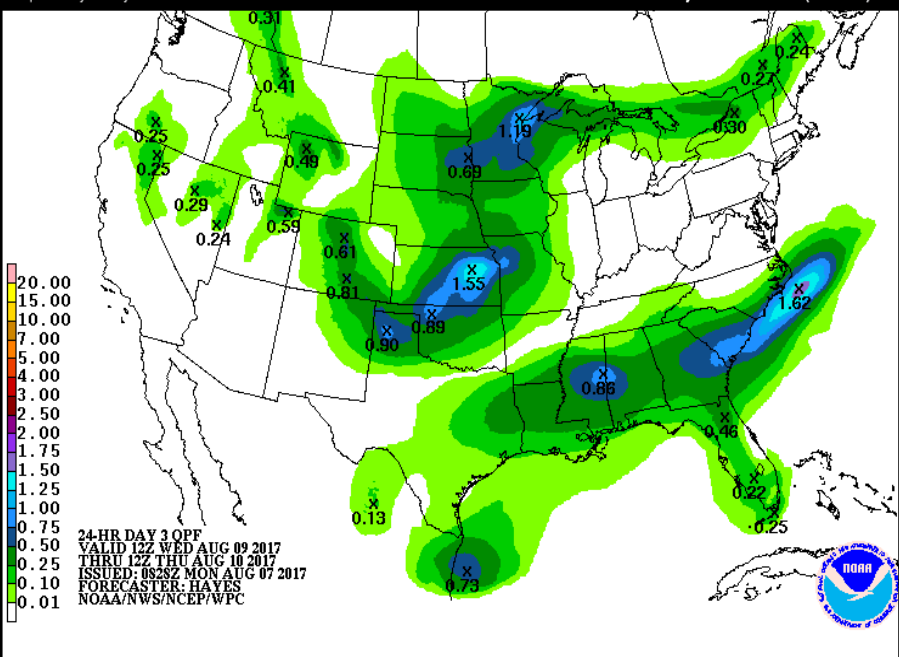


Isolated areas of heavy rain/flash flooding for NE NM into the TX/OK Panhandles and western/northern OK. Also for northern LA.

## Day 3 National Forecast Chart

Valid Wed, Aug 09, 2017, issued 4:53 AM EDT Mon, Aug 07, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds with WPC/SPC/NHC forecasts

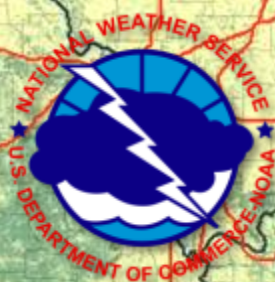
Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



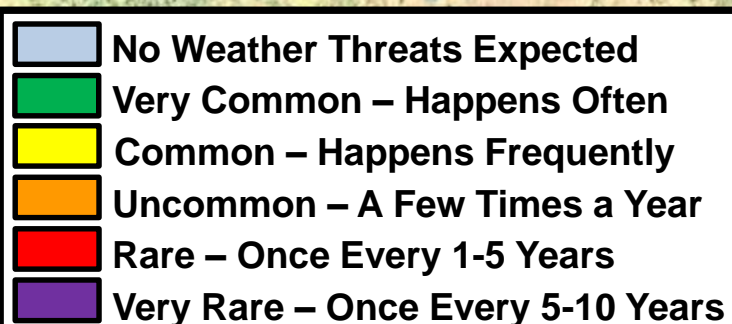


# Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



Areas of  
heavy rain/flash flooding



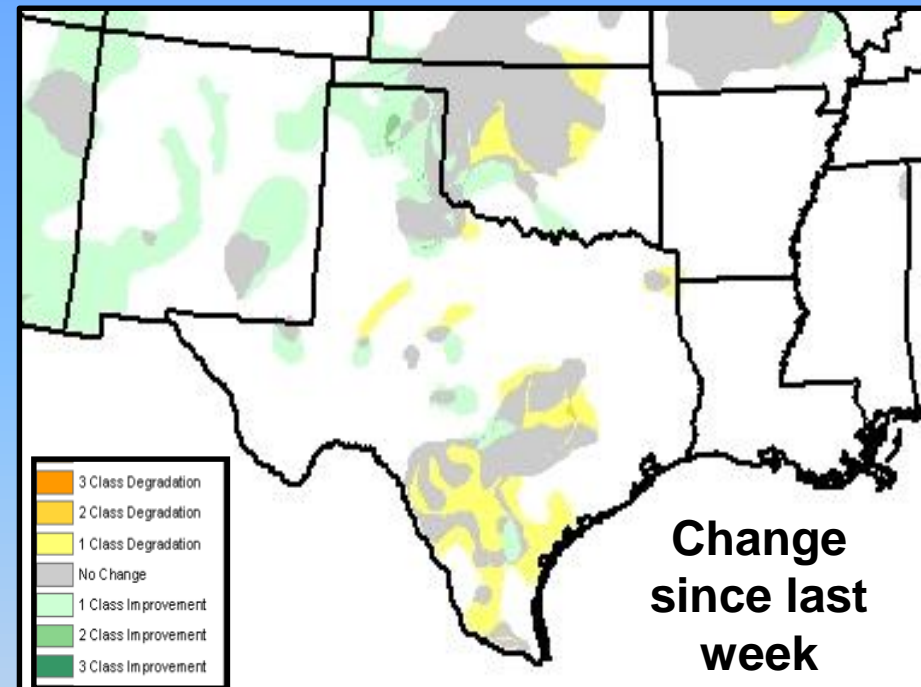
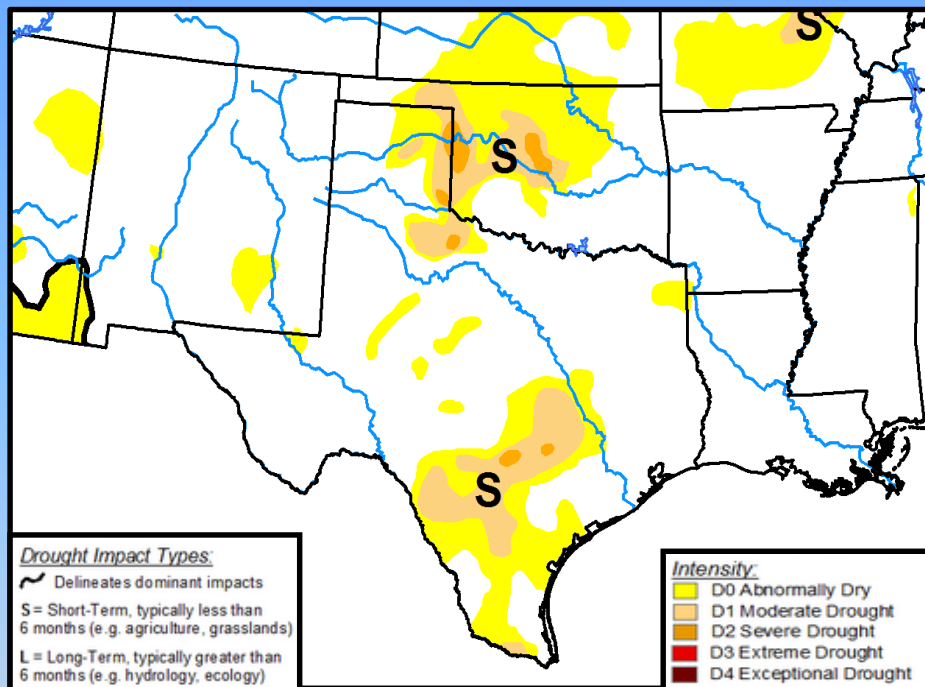
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released August 3, 2017

Data valid as of 7am CDT, Tuesday, August 1, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

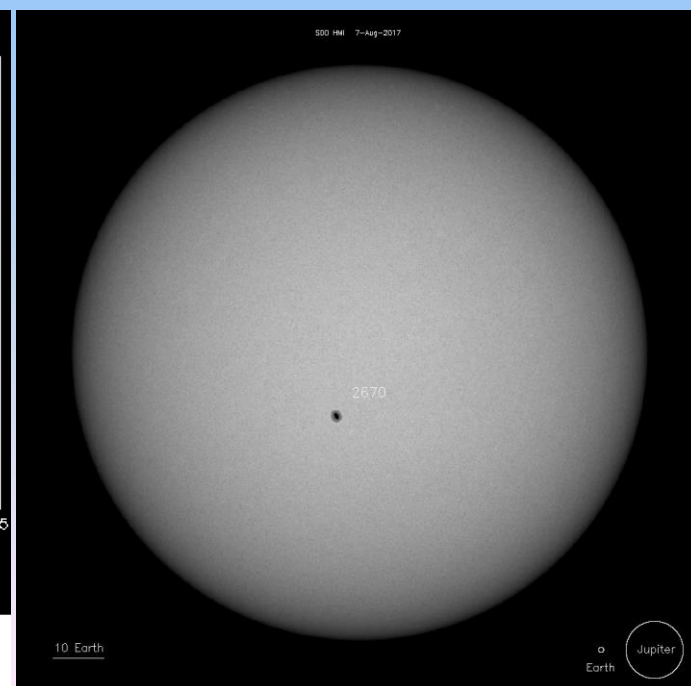
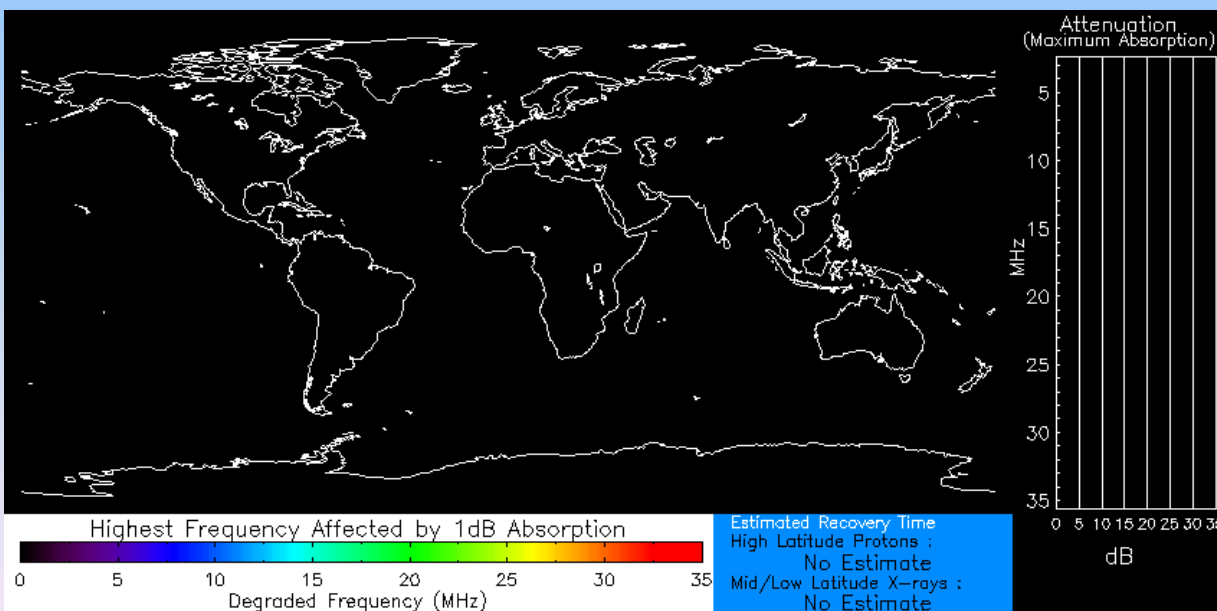
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
Product Valid At : 2017-08-07 11:31 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

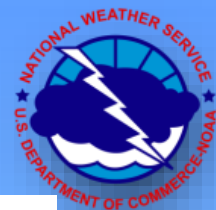
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<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)

# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>